

## **Cover Page**

**Title:** A Prospective Study of Evaluation of Operative Duration as a Predictor of Mortality in Pediatric Emergency Surgery: Concept of 100 Minutes Laparotomy in Resource-limited Setting

**NCT Identifier Number:** Not assigned

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## **Statistical Analysis Protocol**

Data recording and follow-up progress was done with *SURGILOG*<sup>®</sup> android application. At the end of the study, the data was analyzed comprehensively and statistical calculations were made. Data analysis was done with *IBM SPSS Statistics*<sup>®</sup> software version 24. Mean and standard deviation were observed for continuous forms of data like age, operative duration, and so on. Tests of normality in the form of Kolmogorov-Smirnov and Shapiro-Wilk analysis was done. Such data was further evaluated for significance by Wilcoxon-Mann-Whitney U test as the data was found to be having non-Gaussian distribution. Further, binary logistic regression analysis was performed on the data to check for independent associations. A p-value of less than 0.05 was considered statistically significant for all practical applications.